

California Air Resources Board
Refrigerant Management Program (RMP)
Refrigerant Registration and Reporting System (R3)
Updates and User Training

January 14, 2014

Agenda



- Overview: Refrigerant Management Program (RMP)
- Overview: Refrigerant Registration and Reporting (R3) System
- Demonstration:
 - Registration and Service Records Data Entry
 - Annual Report Submittal and Fee Payment
- Questions

RMP program web page: www.arb.ca.gov/stoprefrigerantleaks RMP email help line: reftrackinfo@arb.ca.gov



Overview

Refrigerant Management Program (RMP)

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RMP Program Overview



- Regulation implements California Global Warming Solutions Act (AB 32)
- In effect since January 1, 2011
- Complements existing federal and local rules
- Focuses on leak inspection & repair
- Repairing leaks can save businesses money

RMP Program Overview Applicability



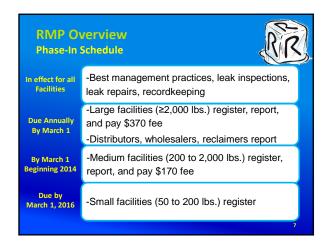
- Facility with a refrigeration system
- Stationary, non-residential
- More than 50-lbs of a high-GWP refrigerant
- Excludes comfort cooling
- Distributors, Wholesalers, Reclaimers
- Any person who installs, services, or repairs a high-GWP gas refrigeration or a/c system

RMP Overview
Key Requirements

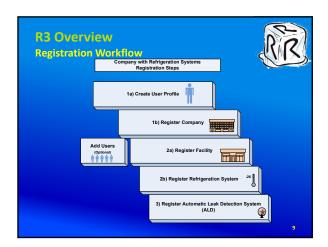


- Facilities with refrigeration system
 - Conduct periodic leak inspections
 - Repair leaks within 14 days of detection
 - Keep records of service and refrigerant transactions
 - Follow required service practices
 - File annual report and pay fee (medium and large facilities)
- Distributors, wholesalers, reclaimers
 - Keep records of refrigerant transactions
 - File annual report

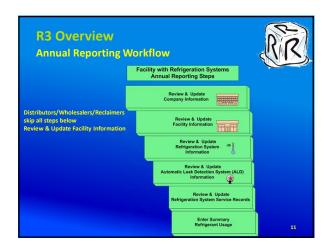
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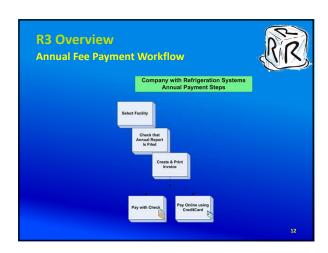






R3 Overview Service Records Data Entry Workflow • Enter Service Records • Leak inspections, leak repairs, other maintenance • ALD audits, calibrations, repairs, etc. • Batch upload data from refrigerant management software • Medium facilities need to begin entering registration and service records





R3 Overview User Reports



- Reports can be printed from the R3
 - Facility and system leak rates
 - Refrigerant losses
 - Facility and system leak repair history
 - Inspections by enforcement agencies

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R3 Overview Common Mistakes and Solutions



- Incomplete registration
 - Enter all facility, <u>all</u> refrigeration systems, ALD information
- Service records not entered
 - Required leak inspections
 - Leak repairs
 - ALD servicing
 - Other maintenance affecting refrigerant

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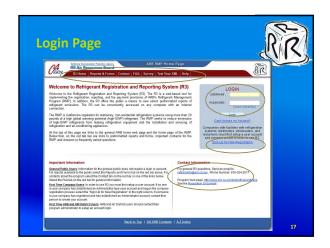
R3 Overview Common Mistakes and Solutions



- Incorrect refrigerant usage on the Annual Report
 - Report the annual summary of refrigerant purchased and used
- Invoice not created and/or sent with payment
 - Print and send a copy of the invoice along with the check to ARB at the address on the invoice

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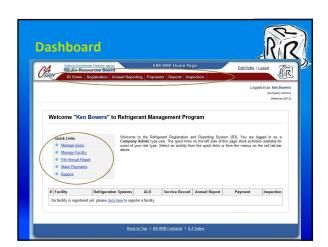












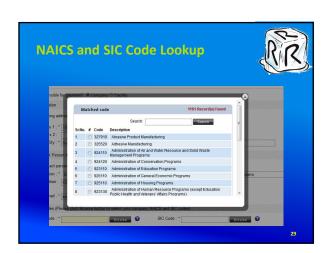




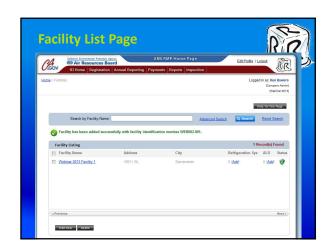








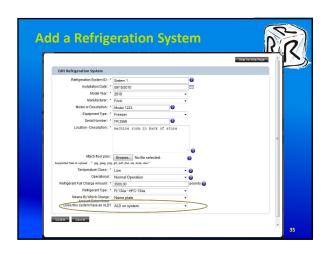


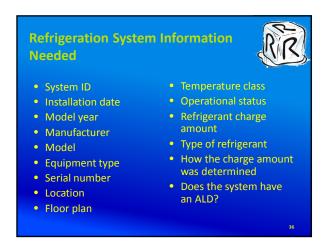






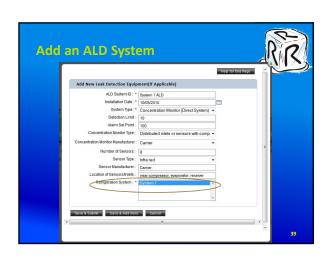


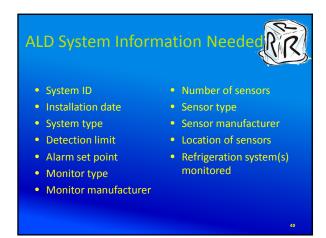








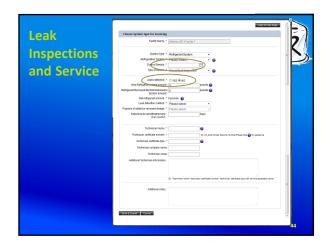




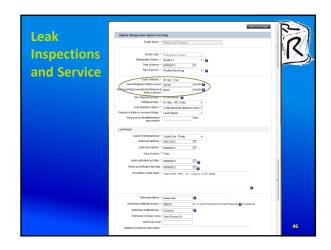


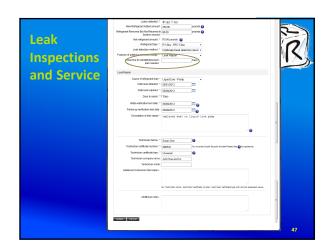














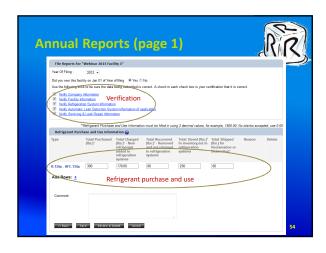


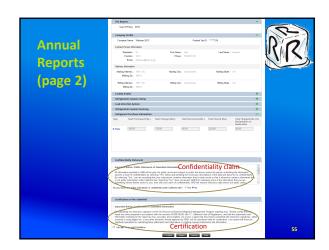














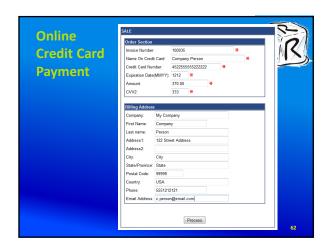














Resources R3 tool website: www.arb.ca.gov/rmp-r3 RMP Program website: www.arb.ca.gov/stoprefrigerant leaks (916) 324-2517 • Email reftrackinfo@arb.ca.gov • Listserve Sign up on website **ARB Contacts** • Ken Bowers 916.323.1510 kbowers@arb.ca.gov • Pamela Gupta 916.327.0604 pgupta@arb.ca.gov

QUESTIONS?